111 circles in an isosceles right triangle
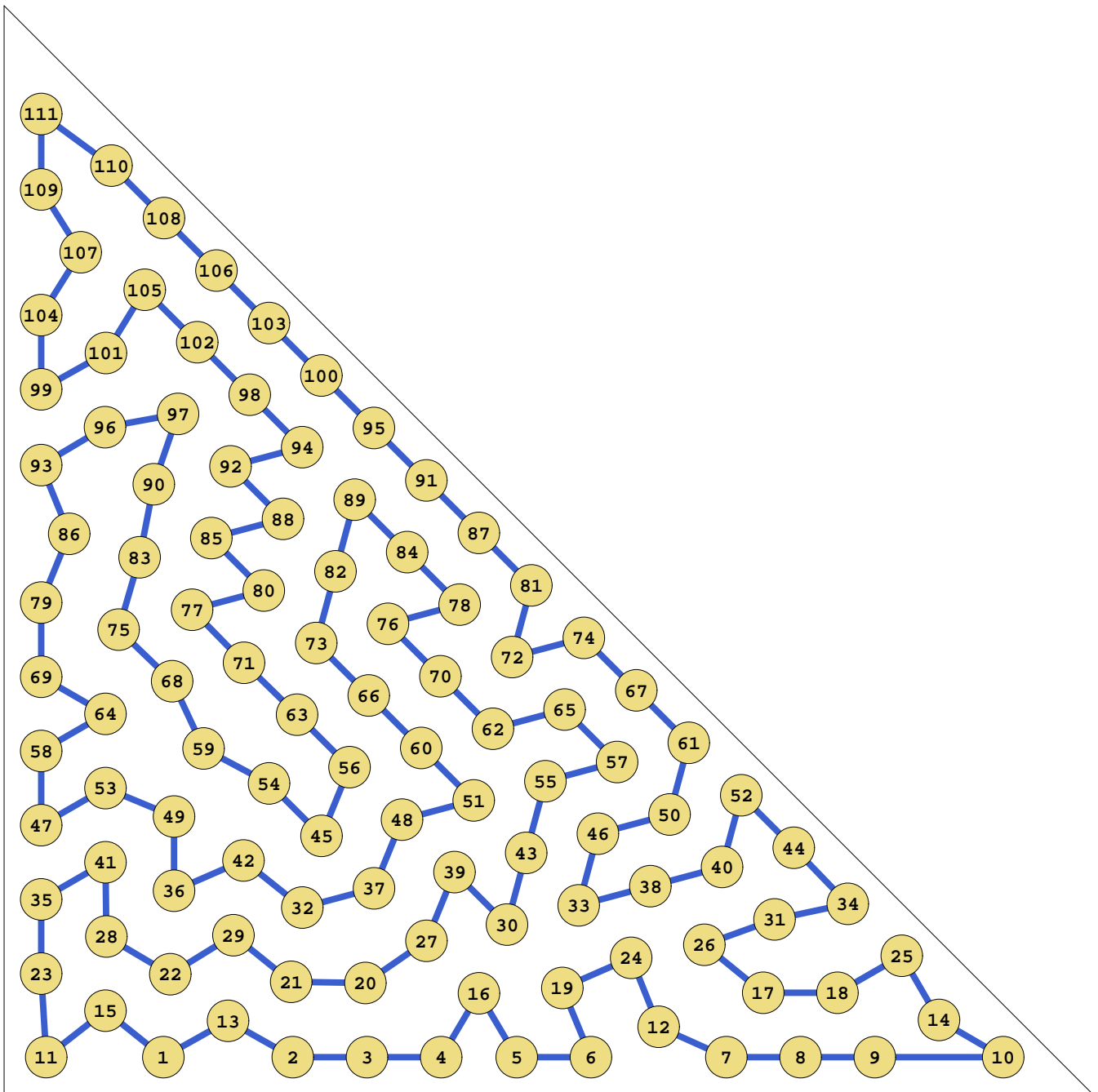

radius   =   0.034086416481   density   = 0.810336757487
ratio   =   29.337199484317   length   =   7.651011